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## WHAT IS CLAIMED IS:

1. A method for measuring fluid retention or loss of a patient, comprising the steps of:

weighing fluid introduced into the patient to produce a fluid-in amount; weighing fluid collected from the patient to produce a fluid-out amount; and

calculating a difference between the fluid-in amount and the fluid-out amount, the difference representing the fluid retention or loss of the patient.

- 2. The method of claim 1, further comprising the step of inputting a specific gravity of a fluid.
- 3. The method of claim 2, wherein the fluid-in amount is a volume calculated by dividing a weight of fluid introduced into the patient by the specific gravity of the fluid.
- 4. The method of claim 2, wherein the fluid-out amount is a volume calculated by dividing a weight of fluid collected from the patient by the specific gravity of the fluid.
- 5. The method of claim 1, further comprising the step of inputting a threshold fluid amount.
- 6. The method of claim 5, further comprising the stop of monitoring the difference to determine if the difference crosses the threshold fluid amount.
- 7. The method of claim 5, turther comprising the step of alerting a user when the difference crosses the threshold fluid amount.

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- 8. The method of claim 7, wherein the user is alerted by audible and visual signals.
- 9. The method of claim 1, further comprising the steps of: storing fluid in an inflow container such that the inflow container supplies the fluid introduced into the patient; and automatically detecting if the inflow container is replaced.
- 10. The method of claim 9, further comprising the stop of resetting a baseline weight of the inflow container if the inflow container is replaced.
  - 11. The method of claim 1, further comprising the steps of: storing fluid in an outflow container such that the outflow container receives the fluid collected from the patient; and automatically detecting if the outflow container is replaced.
  - 12. The method of claim 9, further comprising the step of resetting a baseline weight of the outflow container if the outflow container is replaced.
  - 13. The method of claim 1, further comprising the step of displaying the fluid-in amount, the fluid-out amount, and the difference representing the fluid retention or loss of the patient on a display device.
  - 14. A device for measuring fluid retention or loss of a patient, comprising:
  - a first weighing device that weighs fluid introduced into the patient to produce a fluid-in weight;
  - a second weighing device that weighs fluid collected from the patient to produce a fluid-out weight;
  - a processor, coupled to the first and second weighing devices, that calculates fluid retention or loss of the patient according to the fluid-in and fluid-out

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weights; and a display device, coupled to the processor, that displays the fluid retention or loss of the patient.

- The device of claim 14, further comprising a visual alarm that 15. indicates if the fluid difference exceeds a threshold. 5
  - The device of claim 14, further comprising an audible alarm that 16. indicates if the fluid difference exceeds a threshold.
  - The device of claim 14, further comprising keys for receiving 17. operator input.
  - The device of claim 17, wherein the specific gravity of the fluid is input using the keys.
  - 19. A device for measuring fluid retention or loss of a patient, comprising:
  - a first weighing device that weighs fluid introduced into the patient to produce a fluid-in weight;
  - a second weighing device that weighs fluid collected from the patient to produce a fluid-out weight;
  - a processor, coupled to the first and second weighing devices, that calculates a fluid-in volume from the fluid-in weight, a fluid-out volume from the fluid-out weight and a fluid difference between the fluid-in volume and the fluid-out volume; and
  - a display device, coupled to the processor, that displays the fluid-in volume, fluid-out volume, and the fluid difference.
- 20. The device of claim 19, further comprising a visual alarm that indicates if the fluid difference exceeds a threshold. 30

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- 21. The device of claim 19, further comprising an audible alarm that indicates if the fluid difference exceeds a threshold.
- 22. The device of claim 19, further comprising keys for receiving operator input.
  - 23. The device of claim 22, wherein the specific gravity of the fluid is input using the keys.
  - 24. A method for measuring fluid retention or loss of a patient, comprising the steps of:

storing fluid in an inflow container such that the inflow container supplies fluid introduced into the patient;

weighing fluid in the inflow container to produce a fluid-in amount; storing fluid in an outflow container such that the outflow container receives fluid collected from the patient;

weighing fluid in the outflow container to produce a fluid-out amount; automatically detecting if an inflow or outflow container is replaced; and calculating a difference between the fluid-in amount and the fluid-out amount, the difference representing the fluid retention or loss of the patient.

- 25. The method of claim 24, wherein the automatically detecting step comprises the step of detecting if a weight of an inflow or outflow container is zero, indicating that the inflow or outflow container has been removed.
- 26. The method of claim 25, further comprising the step of signaling a user when the inflow or outflow container has been removed.
- 27. The method of claim 24, wherein the automatically detecting stop comprises the step of detecting if a weight of an inflow or outflow container increases after being zero, indicating that the inflow or outflow container has been replaced.

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- 28. The method of claim 27, further comprising the step of signaling a user when the inflow or outflow container has been replaced.
- 29. The method of claim 24, further comprising the step of resetting a baseline weight of the replaced container.
- 30. A device for measuring fluid retention or loss of a patient, comprising:

a first weighing device that weighs fluid in an inflow container to produce a fluid-in weight, the inflow container supplying fluid introduced into the patient;

a second weighing device that weighs fluid in an outflow container to produce a fluid-out weight, the outflow container collecting fluid from the patient;

a processor, coupled to the first and second weighing devices, that calculates fluid retention or loss of the patient according to the fluid-in and fluid-out weights, the processor automatically detecting if an inflow or outflow container is replaced; and

a display device, coupled to the processor, that displays the fluid retention or loss of the patient.

- 31. The device of claim 30, wherein the processor automatically detects if a weight of an inflow or outflow container is zero, indicating that the inflow or outflow container has been removed.
- 32. The device of claim 31, wherein the processor signals a user when the inflow or outflow container has been removed.
- 33. The device of claim 30, wherein the processor automatically detects if a weight of an inflow or outflow container increases after being zero, indicating that the inflow or outflow container has been replaced.

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- 34. The device of Claim 33, wherein the processor signals a user when the inflow or outflow container has been replaced.
- 35. The device of claim 30, wherein the processor resets a baseline weight of the replaced container.
  - 36. A system for fluid management of a patient, comprising:
    a first inflow container for storing fluid introduced into the patient;
    a pump coupled to the first inflow container for assisting fluid from the first inflow container into the patient; and
    an outflow container for storing fluid collected from the patient.
  - 37. The system of claim 36, wherein the pump pumps fluid directly into the patient.
  - 38. The system of claim 36, further comprising a second inflow container, wherein the pump pumps fluid into the second inflow container and fluid flows from the second inflow container with gravity.
    - 39. The system of claim 36, further comprising: a first weighing device that weighs fluid in the first inflow container; and a second weighing device that weighs fluid in the outflow container.
- 40. The system of Claim 39, further comprising a fluid monitor coupled to the first and second weighing devices that calculates and displays a fluid retention or loss of the patient.
  - 41. The system of claim 40, wherein the fluid monitor alerts a user if the fluid retention or loss of the patient crosses a threshold.